## Unit 4, Lesson 11: Using an Algorithm to Divide Fractions

1. Select **all** statements that show correct reasoning for finding .
   1. Multiplying by 5 and then by .
   2. Dividing by 5, and then multiplying by .
   3. Multiplying by 7, and then multiplying by .
   4. Multiplying by 5 and then dividing by 7.
2. Clare said that is . She reasoned: and .

Explain why Clare’s answer and reasoning are incorrect. Find the correct quotient.

1. Find the value of . Show your reasoning.